



Australian Government

Assessment Requirements for CPPSIS6022 Produce mine drawings

Release: 1

Assessment Requirements for CPPSIS6022 Produce mine drawings

Modification History

Release 1.

Replaces superseded equivalent CPPSIS6022A Create mine drawings.

This version first released with CPP Property Services Training Package Version 3.

Performance Evidence

A person demonstrating competency in this unit must satisfy the requirements of the elements, performance criteria, foundation skills and range of conditions of this unit. The person must also use a range of design software program functions and features to produce mine drawings that meet technical specifications for two different projects.

While producing the above mine drawings, the person must:

- define and document project objectives, constraints and main work activities
- prepare the drawing environment by setting up hardware and software system and drawing defaults, and customising menus
- communicate clearly with clients and stakeholders to clarify drawing requirements and detail
- apply mathematical concepts and skills to a range of surveying-related problems
- comply with standard operating procedures, drawing standards and organisational requirements relating to:
 - completing records and reporting
 - drafting mine drawings
 - protocols for saving and formatting drawing files
- create mine drawings that comply with design requirements, including:
 - data extracted from existing mining and engineering drawings
 - drawing entities linked to database attributes
 - incorporating mines safety requirements
 - producing drawings, views and plots at required scale
- exercise precision and accuracy in relation to measurements, tolerances and design
- save drawing files in formats relevant to software
- select and use appropriate equipment and software, as specified in the assessment conditions, to produce mine drawings.

Knowledge Evidence

A person demonstrating competency in this unit must demonstrate knowledge of:

- display principles in relation to mine drawings, including:

- colour
- composition
- font type
- legends
- media
- scale
- size
- text and line style
- drawing principles, capabilities and uses in relation to mine drawings
- industry-accepted drawing standards, data formats, and precision and accuracy requirements for preparing mine drawings using software
- methods for validating drawings and measurements to identify errors
- organisational, legal and statutory requirements relating to:
 - records and documentation
 - reporting
- standard engineering and mining plan design and presentation conventions
- techniques for incorporating surface mining methods and mines safety requirements into mine drawings.

Assessment Conditions

The following must be present and available to learners during assessment activities:

- Equipment:
 - personal computer, including drawing applications and software appropriate for producing mine drawings
 - hardware, including printer, scanner, plotter and multimedia devices and peripherals
- Specifications:
 - project and design specifications
 - organisational policies, procedures and documentation relating to legal requirements for mines safety
- Physical conditions:
 - access to equipped work station
- Relationships with team members and supervisor:
 - working in a team
- Relationships with client:
 - client consultation required.
- Timeframe:
 - as specified by the client and project requirements.

Assessor requirements

As a minimum, assessors must satisfy the assessor requirements in the Standards for Registered Training Organisations (RTOs) current at the time of assessment.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6f3f9672-30e8-4835-b348-205dfcf13d9b>